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STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10566640
Filing Date	2006-05-22
First Named Inventor	Malcom H. Levitt
Art Unit	
Examiner Name	
Attorney Docket Number	301-0005US

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5917322		1999-06-29	Gershenfeld et al.	
	2	6218832	B1	2001-04-17	Chuang et al.	

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	1	03/081526	WO	A1	2003-10-02	National University of Ireland Maynooth		<input type="checkbox"/>
	2	0 239 724	EP	A3	1987-10-07	General Electric Company		<input type="checkbox"/>

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	1	D. SAKELLARIOU et al., "Experimental Observation of Periodic Quasi-Equilibria In Solid-State NMR," Chemical Physics Letters 308 (1999) 381-389
	2	D. SAKELLARIOU et al., "Quasi Equilibria in Solid-State NMR," Chemical Physics Letters 293 (1998) 110-118
	3	D. G. CORY et al., "Nuclear Magnetic Resonance Spectroscopy: An Experimentally Accessible Paradigm for Quantum Computing," Physica D 120 (1998) 82-101
	4	E. M. FORTUNATO et al., "Implementation of Universal Control on a Decoherence-Free Qubit," New Journal of Physics 4 (2002) 5.1-5.20
	5	D. P. WEITEKAMP et al., "Zero-Field Nuclear Magnetic Resonance," The American Physical Society (1983) 1807-1810
	6	R. McDERMOTT et al., "Liquid-State NMR and Scalar Couplings in Microtesla Magnetic Fields," SCIENCE Vol 295 (2002) 2247-2249C
	7	K. GOLMAN et al., "Parahydrogen-Induced Polarization in Imaging: Subsecond <sup>13</sup> C Angiography," Magnetic Resonance in Medicine 46:1-5 (2001)
	8	P. G. KWAIT et al., "Experimental Verification of Decoherence-Free Subspaces," SCIENCE Vol 290 (2000) 498-501
	9	M. G. PRAVICA et al., "Net NMR Alignment by Adiabatic Transport of Parahydrogen Addition Products to High Magnetic Field," Chemical Physics Letters (1988) 255-258

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10	C. R. BOWERS et al., "Parahydrogen and Synthesis Allow Dramatically Enhanced Nuclear Alignment," J. Am. Chem. Soc. (1987) 5541-5542	<input type="checkbox"/>
11	N. A. GERSHENFELD et al., "Bulk Spin-Resonance Quantum Computation," SCIENCE Vol. 275 (1997) 350-356	<input type="checkbox"/>
12	J. E. OLLERENSHAW et al., "A Magnetic Resonance Realization of Decoherence-Free Quantum Computation," arXiv:quant-ph/0302175 v2 24 Sep 2003	<input type="checkbox"/>
13	D. A. LIDAR et al., "Decoherence-Free Subspaces and Subsystems," arXiv:quant-ph/0301032 v1 9 Jan 2003	<input type="checkbox"/>
14	E. M. FORTUNATO et al., "Exploring Noiseless Subsystems via Nuclear Magnetic Resonance," arXiv:quant-ph/0210057 v1 9 Oct 2002	<input type="checkbox"/>
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Signature	/Sean McDermott/	Date (YYYY-MM-DD)	2006-05-24
Name/Print	Sean P. McDermott	Registration Number	49000

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